

Title (en)

METHOD AND APPARATUS FOR RESOURCE ALLOCATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR RESSOURCENZUWEISUNG

Title (fr)

PROCÉDÉ ET APPAREIL D'ATTRIBUTION DE RESSOURCES

Publication

EP 4176654 A4 20230906 (EN)

Application

EP 20943781 A 20200703

Priority

CN 2020100233 W 20200703

Abstract (en)

[origin: WO2022000491A1] Embodiments of the present disclosure provide methods and apparatus for resource allocation. A method implemented at a network node comprises determining one or more candidate resource block segments with a corresponding channel quality indicator. The one or more candidate resource block segments comprise corresponding continuous one or more candidate resource blocks, and a respective channel quality of the corresponding continuous one or more candidate resource blocks is equal to or higher than the channel quality of the candidate resource block segment indicated by the corresponding channel quality indicator. The method further comprises selecting at least one of the one or more candidate resource block segments. The method further comprises determining at least one resource block for a terminal device from the selected at least one candidate resource block segment. The method further comprises transmitting information regarding the at least one resource block to the terminal device.

IPC 8 full level

H04W 72/542 (2023.01); **H04L 5/00** (2006.01)

CPC (source: EP US)

H04L 5/0053 (2013.01 - EP US); **H04L 5/0057** (2013.01 - EP); **H04L 5/0058** (2013.01 - EP); **H04W 72/542** (2023.01 - EP)

Citation (search report)

- [XAI] WO 2020125525 A1 20200625 - COMBA TELECOM SYSTEMS CHINA LTD [CN]
- [I] CN 106793094 A 20170531 - POTEVIO INFORMATION TECHNOLOGY CO LTD
- [A] ZTE: "DL resource allocation and related signalling way", 3GPP DRAFT; R1-073586, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Athens, Greece; 20070815, 15 August 2007 (2007-08-15), XP050107187
- See also references of WO 2022000491A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022000491 A1 20220106; CN 115836561 A 20230321; EP 4176654 A1 20230510; EP 4176654 A4 20230906;
US 2023344598 A1 20231026

DOCDB simple family (application)

CN 2020100233 W 20200703; CN 202080102637 A 20200703; EP 20943781 A 20200703; US 202018003597 A 20200703